Validated By CRFValidator v 1.0.3

Application No: 10593578   Version No: 2.0

Input Set:

Output Set:

           Started: 2007-11-26 20:29:17.508
          Finished: 2007-11-26 20:29:20.521
           Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 13 ms
    Total Warnings: 17
      Total Errors: 0
No. of SeqIDs Defined: 18
  Actual SeqID Count: 18

Error code   Error Description

W   213   Artificial or Unknown found in <213> in SEQ ID (1)

W   213   Artificial or Unknown found in <213> in SEQ ID (2)

W   213   Artificial or Unknown found in <213> in SEQ ID (3)

W   213   Artificial or Unknown found in <213> in SEQ ID (4)

W   213   Artificial or Unknown found in <213> in SEQ ID (5)

W   213   Artificial or Unknown found in <213> in SEQ ID (6)

W   213   Artificial or Unknown found in <213> in SEQ ID (7)

W   213   Artificial or Unknown found in <213> in SEQ ID (8)

W   213   Artificial or Unknown found in <213> in SEQ ID (9)

W   213   Artificial or Unknown found in <213> in SEQ ID (10)

W   213   Artificial or Unknown found in <213> in SEQ ID (12)

W   213   Artificial or Unknown found in <213> in SEQ ID (13)

W   213   Artificial or Unknown found in <213> in SEQ ID (14)

W   213   Artificial or Unknown found in <213> in SEQ ID (15)

W   213   Artificial or Unknown found in <213> in SEQ ID (16)

W   213   Artificial or Unknown found in <213> in SEQ ID (17)

W   213   Artificial or Unknown found in <213> in SEQ ID (18)

<110> GEWIRTZ, Alan M.

<120> METHODS OF USE OF BCL-6-DERIVED NUCLEOTIDES TO INDUCE APOPTOSIS

<130> P-7782-US

<140> 10593578
<141> 2007-11-26

<160> 18

<170> PatentIn version 3.3

<210> 1
<211> 31
<212> DNA
<213> Artificial

<220>
<223> Probe

<400> 1
ctgggggcaa aggctctgct ctcacaccca g   31

<210> 2
<211> 34
<212> DNA
<213> Artificial

<220>
<223> Probe

<400> 2
ggctgagggg gcagcaggtt tgaggccctc agcc   34

<210> 3
<211> 32
<212> DNA
<213> Artificial

<220>
<223> Probe

<400> 3
gctgaggggg cagcaggttt gaggccctca gc   32

<210> 4
<211> 32
<212> DNA
<213> Artificial

<220>
<223> Probe

<400> 4
gctgaggggg cagcaggttt gaggccctca gc   32

<210> 5
<211> 35
<212> DNA
<213> Artificial

<220>
<223> Probe

<400> 5
gcctggagga tgcaggcatt cttactgctg caggc   35

<210> 6
<211> 33
<212> DNA
<213> Artificial

<220>
<223> Probe

<400> 6
aggctcgtgg ggaaaggcgg cccagctcag cct   33

<210> 7
<211> 26
<212> DNA
<213> Artificial

<220>
<223> Probe

<400> 7
gctctcgctg ctgctgcggg gagagc   26

<210> 8
<211> 26
<212> DNA
<213> Artificial

<220>
<223> Probe

<400> 8
acctgtacaa atctggctcc gcaggt   26

<210> 9
<211> 33

```
<212>  DNA
<213>  Artificial

<220>
<223>  Probe

<400>  9
cggaggtggg ccacctgtac aaatctggct ccg                              33


<210>  10
<211>  21
<212>  DNA
<213>  Artificial

<220>
<223>  Probe

<400>  10
aagcatcaac actccatgct t                                           21


<210>  11
<211>  3536
<212>  DNA
<213>  Homo sapiens

<400>  11
ggcccctcga gcctcgaacc ggaacctcca aatccgagac gctctgctta tgaggacctc   60

gaaatatgcc ggccagtgaa aaaatcttat ggctttgagg gcttttggtt ggccaggggc  120

agtaaaaatc tcggagagct gacaccaagt cctcccctgc cacgtagcag tggtaaagtc  180

cgaagctcaa attccgagaa ttgagctctg ttgattctta gaactggggt tcttagaagt  240

ggtgatgcaa gaagtttcta ggaaaggccg gacaccaggt tttgagcaaa attttggact  300

gtgaagcaag gcattggtga agacaaaatg gcctcgccgg ctgacagctg tatccagttc  360

acccgccatg ccagtgatgt tcttctcaac cttaatcgtc tccggagtcg agacatcttg  420

actgatgttg tcattgttgt gagccgtgag cagtttagag cccataaaac ggtcctcatg  480

gcctgcagtg gcctgttcta tagcatcttt acagaccagt tgaaatgcaa ccttagtgtg  540

atcaatctag atcctgagat caaccctgag ggattctgca tcctcctgga cttcatgtac  600

acatctcggc tcaatttgcg ggagggcaac atcatggctg tgatggccac ggctatgtac  660

ctgcagatgg agcatgttgt ggacacttgc cggaagttta ttaaggccag tgaagcagag  720

atggtttctg ccatcaagcc tcctcgtgaa gagttcctca acagccggat gctgatgccc  780

caagacatca tggcctatcg gggtcgtgag gtggtggaga acaacctgcc actgaggagc  840

gcccctgggt gtgagagcag agcctttgcc cccagcctgt acagtggcct gtccacaccg  900
```

```
ccagcctctt attccatgta cagccacctc cctgtcagca gcctcctctt ctccgatgag    960

gagtttcggg atgtccggat gcctgtggcc aaccccttcc ccaaggagcg ggcactccca   1020

tgtgatagtg ccaggccagt ccctggtgag tacagccggc cgactttgga ggtgtccccc   1080

aatgtgtgcc acagcaatat ctattcaccc aaggaaacaa tcccagaaga ggcacgaagt   1140

gatatgcact acagtgtggc tgagggcctc aaacctgctg ccccctcagc ccgaaatgcc   1200

ccctacttcc cttgtgacaa ggccagcaaa gaagaagaga gaccctcctc ggaagatgag   1260

attgccctgc atttcgagcc ccccaatgca cccctgaacc ggaagggtct ggttagtcca   1320

cagagccccc agaaatctga ctgccagccc aactcgccca cagaggcctg cagcagtaag   1380

aatgcctgca tcctccaggc ttctggctcc cctccagcca gagccccac tgaccccaaa   1440

gcctgcaact ggaagaaata caagttcatc gtgctcaaca gcctcaacca gaatgccaaa   1500

ccaggggggc ctgagcaggc tgagctgggc cgcctttccc cacgagccta cacggcccca   1560

cctgcctgcc agccacccat ggagcctgag aaccttgacc tccagtcccc aaccaagctg   1620

agtgccagcg gggaggactc caccatccca caagccagcc ggctcaataa catcgttaac   1680

aggtccatga cgggctctcc ccgcagcagc agcgagagcc actcaccact ctacatgcac   1740

cccccgaagt gcacgtcctg cggctctcag tccccacagc atgcagagat gtgcctccac   1800

accgctggcc ccacgttcgc tgaggagatg ggagagaccc agtctgagta ctcagattct   1860

agctgtgaga cggggccttt cttctgcaat gagtgtgact gccgcttctc tgaggaggcc   1920

tcactcaaga ggcacacgct gcagacccac agtgacaaac cctacaagtg tgaccgctgc   1980

caggcctcct ccgctacaa gggcaacctc gccagccaca gaccgtcca taccggtgag   2040

aaaccctatc gttgcaacat ctgtggggcc cagttcaacc ggccagccaa cctgaaaacc   2100

cacactcgaa ttcactctgg agagaagccc tacaaatgcg aaacctgcgg agccagattt   2160

gtacaggtgg cccacctccg tgcccatgtg cttatccaca ctggtgagaa gccctatccc   2220

tgtgaaatct gtggcacccg tttccggcac cttcagactc tgaagagcca cctgcgaatc   2280

cacacaggag agaaacctta ccattgtgag aagtgtaacc tgcatttccg tcacaaaagc   2340

cagctgcgac ttcacttgcg ccagaagcat ggcgccatca ccaacaccaa ggtgcaatac   2400

cgcgtgtcag ccactgacct gcctccggag ctccccaaag cctgctgaag catggagtgt   2460

tgatgctttc gtctccagcc ccttctcaga atctacccaa aggatactgt aacactttac   2520

aatgttcatc ccatgatgta gtgcctcttt catccactag tgcaaatcat agctggggt    2580
```

tggggggtggt gggggtcggg gcctgggggga ctgggagccg cagcagctcc ccctccccca   2640

ctgccataaa acattaagaa aatcatattg cttcttctcc tatgtgtaag gtgaaccatg   2700

tcagcaaaaa gcaaaatcat tttatatgtc aaagcagggg agtatgcaaa agttctgact   2760

tgactttagt ctgcaaaatg aggaatgtat atgttttgtg ggaacagatg tttcttttgt   2820

atgtaaatgt gcattctttt aaaagacaag acttcagtat gttgtcaaag agagggcttt   2880

aatttttta accaaaggtg aaggaatata tggcagagtt gtaaatatat aaatatatat   2940

atatataaaa taaatatata taaacctaac aaagatatat taaaaatata aaactgcgtt   3000

aaaggctcga ttttgtatct gcaggcagac acggatctga gaatctttat tgagaaagag   3060

cacttaagag aatattttaa gtattgcatc tgtataagta agaaaatatt ttgtctaaaa   3120

tgcctcagtg tatttgtatt tttttgcaag tgaaggttta caatttacaa agtgtgtatt   3180

aaaaaaaacc caaagaaccc aaaaatctgc agaaggaaaa atgtgtaatt ttgttctagt   3240

tttcagtttg tatatacccg tacaacgtgt cctcacggtg ccttttttca cggaagtttt   3300

caatgatggg cgagcgtgca ccatcccttt ttgaagtgta ggcagacaca gggacttgaa   3360

gttgttacta actaaactct ctttgggaat gtttgtctca tcccattctg cgtcatgctt   3420

gtgtgataac tactccggag acagggtttg gctgtgtcta aactgcatta ccgcgttgta   3480

aaaaatagct gtaccaatat aagaataaaa tgttggaaag tcgcaaaaaa aaaaaa   3536

<210>   12
<211>   20
<212>   DNA
<213>   Artificial

<220>
<223>   Primer

<400>   12
ccaaccaagc tgagtgccag   20

<210>   13
<211>   22
<212>   DNA
<213>   Artificial

<220>
<223>   Primer

<400>   13
ggtgcatgta gagtggtgag tg   22

<210> 14
<211> 24
<212> DNA
<213> Artificial

<220>
<223> Probe

<400> 14
ctccaccatc ccacaagcca gccg   24

<210> 15
<211> 24
<212> DNA
<213> Artificial

<220>
<223> Primer

<400> 15
ggacatctaa gggcatcaca gacc   24

<210> 16
<211> 23
<212> DNA
<213> Artificial

<220>
<223> Primer

<400> 16
tgactcaaca cgggaaacct cac   23

<210> 17
<211> 26
<212> DNA
<213> Artificial

<220>
<223> Probe

<400> 17
tggctgaacg ccacttgtcc ctctaa   26

<210> 18
<211> 30
<212> DNA
<213> Artificial

<220>
<223> Probe

<400> 18

tgtctggttg caaagcctgg cataaagaca